

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ito et al.  
Appl. No.: 10/599,071  
Conf. No.: 3798  
Filed: September 19, 2006  
Title: STIMULI-RESPONSIVE HYDROGEL, PRODUCTION METHOD OF  
STIMULI-RESPONSIVE HYDROGEL, AND POLYMER ACTUATOR USING  
STIMULI-RESPONSIVE HYDROGEL

Art Unit: 1615  
Examiner: Laclair, Darcy  
Docket No.: 3712174-608

DO NOT ENTER: /D.L./  
01/07/2010

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Final Office Action dated September 29, 2009, please consider the following:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.